

20 April 1962

MEMORANDUM FOR: Chief, Technical Plans & Development Staff

SUBJECT: Trip Report

STATINTL

1. On 9 and 10 April 1962, the undersigned visited the [REDACTED] to discuss with [REDACTED] the testing and evaluation program for the Image Quality Meter, and the increase in scope contract on the Image Enhancer. The Image Quality Meter was delivered to the [REDACTED] house in March and final arrangements have been made to have this prototype instrument delivered to the National Bureau of Standards for testing and evaluation, under the direction of [REDACTED]. The instrument will be delivered to NBS on approximately 3 May. Discussions with Messrs. [REDACTED] concerning this program points up two significant facts: (1) The instrument now in our possession is a prototype instrument, and it would be advisable to have [REDACTED] in the Washington area when the instrument is delivered to NBS. Mr. [REDACTED] could discuss operational procedures with [REDACTED] and [REDACTED] certain alignment and calibration tests which would indicate to him that the equipment is basically in the same condition as when it received final inspection in his plant. In the event that any damage was incurred during transshipment from the West Coast, considerable time and effort would be saved [REDACTED] group in the initial testing period. (2) There are five Image Quality Meters currently being assembled in the [REDACTED], four of which have been sold to other government and military services. These instruments are production items which have many improvements in circuitry and design over the prototype model. It was reasonable to assume that many of the shortcomings or limitations in the prototype instrument would be eliminated in a production item. Discussions were held with [REDACTED] regarding the modification or exchange of our prototype instrument for a production model. A ball park figure for this item is [REDACTED]. Since the entire matter of determining photographic resolution, acuity, and granularity is a controversial subject, it is unfortunate in some respects that [REDACTED] will testing a prototype instrument with known limitations.

STATINTL

DECLASS REVIEW by NIMA/DOD